Marked-up version for the last paragraph on page 12:

"As used herein, the term "sequence-specific DNA binding protein" refers to a protein that recognizes and binds a specific DNA sequence. The sequence bound by a sequence-specific DNA binding protein may be an invariant arrangement of contiguous nucleotide residues (e.g., GGATCC, SEQ ID No. 1) or it may be a conserved sequence motif in which individual residues may vary and still allow recognition and binding by the sequence-specific DNA binding protein (e.g., GGPuPyCC, SEQ ID No. 2 wherein Pu and Py are purine and pyrimidine, respectively). Binding of the protein to its specific sequence may be assessed via any conventional protein:nucleic acid binding methods, including but not limited to electrophoretic gel analysis of a given protein:nucleic acid construct.

Marked-up version for the last paragraph on page 18:

As used herein a "conditionally active transactivation domain of CHOP" encompasses amino acids 1-101 of the transcription factor CHOP. Specifically, the conditionally active transactivation domain of CHOP comprises the amino acid residues:

 NH_3-

MAAESLPFTLETVSSWELEAWYEDLQEVLSSDEIGGTYISSPGNEEEESKTFTTLD PASLAWLTEEPGPTEVTRTSQSPRSPDSSQSSMAQEEEEEEQG-COOH (SEQ ID No. 3)

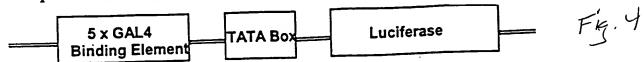
and analagous sequences of transcription factor CHOP (for example, sequences that contain amino acid additions, insertions, deletions, substitutions) or other variations of CHOP that

Marked-up version for the second paragraph on page 29:

To facilitate the integration and selection for stable reporter gene integration, a hygromycin resistance expression cassette, excised from p3'SS (a vector for LacSwitchTM expression systems (Stratagene, GenBank Accession No. U42371), was inserted into the Ndel site of the pFR-Luc (Genbank Accession No. AF058756) luciferase reporter vector, to generate pFR-Luc-Hyg. pFR-Luc (and therefore pFR-Luc-Hyg) carries five copies of the GAL4 DNA-binding domain recognition sequence 5'-CGGAGTACTGTCCTCCG-3' (SEQ ID No. 4) upstream of a basic TATA element and the coding region for firefly luciferase (see Figure 4).

· USSN 09/637,554

4.1.1. pFR-Luc Plasmid



Sequence of GAL4 Binding Element in the pFR-Luc Plasmid

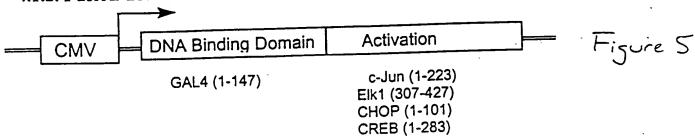
GT CGGAGTACTGTCCTCCG AG CGGAGTACTGTCCTCCG

AG CGGAGTACTGTCCTCCG AG CGGAGTACTGTCCTCCG

AG CGGAGTACTGTCCTCCG AG CGGAGACTCTAGAGGG

TATATATGGATCCCCGGGT AC CGAGCTCGAATTC-- (SEQ ID. No. 5)
--CAGCTTGGCATTCCGGTACTGTTGGTAAATG--Luciferase (SEQ ID No. 6)

4.1.2. Fusion Transactivator Plasmids



4.1.3. Control Plasmids

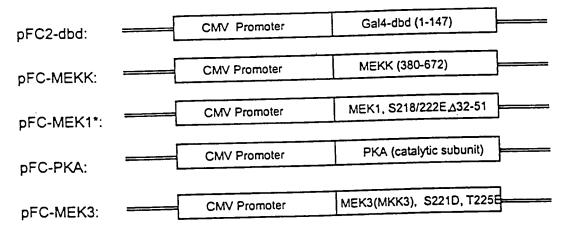
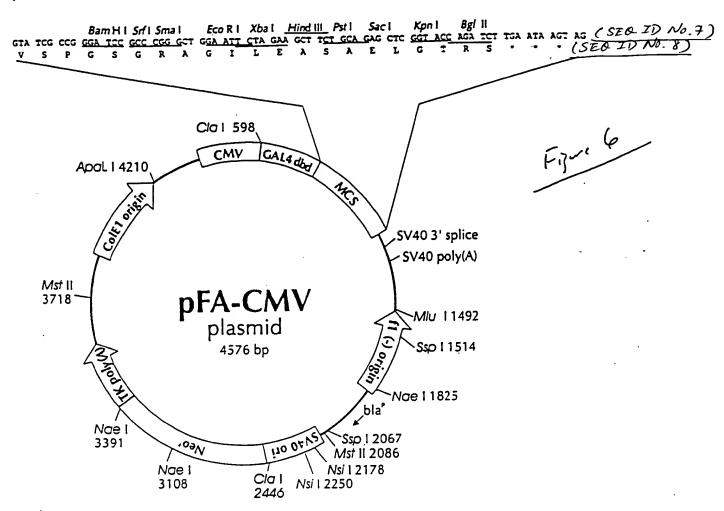


Figure 7 will tailor to each application

Marked-up sheet for Fig. 4

4.1.4. pFA-CMV Pasmid

pFA-CMV Plasmid



4.2. Preparation of medium and reagents

Luciferase Assay Reagent (1×) 40.0 mM tricine (pH 7.8) 0.5 mM ATP 10 mM MgSO₄ 0.5 mM EDTA 10.0 mM DTT 0.5 mM coenzyme A 0.5 mM luciferin Cell Lysis Buffer (5×) 40 mM tricine (pH 7.8) 50 mM NaCl 2 mM EDTA 1 mM MgSO₄ 5 mM DTT 1% Triton® X-100